



University of Chemistry and Technology, Prague
Metrological and Testing Laboratory UCT Prague

Testing laboratory No. 1316.2 accredited by the CAI according to the EN ISO/IEC 17025:2018



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Test certificate ML: 527/24

print no.: ENG_229/24

Client: Dalibor Bryja
Pekařská 2803/67
746 01 Opava - Opava (nečleněná část města)
Česká republika

Sample received: 19.3.2024
Order no.: 19.3.2024
Sample description (client's): Kratom pure white

Testing item: kratom
packaging: polyethylene bag (PE)
quantity: 20 g

Date of testing: 19.03.2024 - 02.04.2024
Location of testing: facilities of the MZL UTC, Technická 1903/3, 166 28 Prague 6 - Dejvice
Testing methods used: KM 02: LC-MS/MS (EN 15662)

TEST RESULTS:

PESTICIDE RESIDUES

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
avermectin B1a	<0.020	-	mg/kg	KM 02	
acephate	<0.010	-	mg/kg	KM 02	
acetamiprid	<0.010	-	mg/kg	KM 02	
acetochlor	<0.020	-	mg/kg	KM 02	
aclonifen	<0.020	-	mg/kg	KM 02	
acrinathrin and its enantiomer	<0.020	-	mg/kg	KM 02	
alachlor	<0.020	-	mg/kg	KM 02	
aldicarb	<0.020	-	mg/kg	KM 02	
aldicarb (sum of aldicarb, its sulfoxide and its sulfone, expressed as aldicarb)	<0.040	-	mg/kg	KM 02	
aldicarb-sulfone	<0.010	-	mg/kg	KM 02	
aldicarb-sulfoxide	<0.010	-	mg/kg	KM 02	
ametoctradin	<0.010	-	mg/kg	KM 02	
ametryn	<0.010	-	mg/kg	KM 02	
asulam	<0.010	-	mg/kg	KM 02	
atrazine	<0.010	-	mg/kg	KM 02	
azadirachtin	<0.050	-	mg/kg	KM 02	
azinphos-ethyl	<0.010	-	mg/kg	KM 02	
azinphos-methyl	<0.010	-	mg/kg	KM 02	
azoxystrobin	<0.010	-	mg/kg	KM 02	
benalaxyl including other mixtures of constituent isomers including benalaxyl-M (sum of isomers)	<0.010	-	mg/kg	KM 02	
bendiocarb	<0.010	-	mg/kg	KM 02	
benzalkonium chloride (mixture of alkylbenzyltrimethylammonium chlorides with alkyl chain lengths of C8, C10, C12, C14, C16 and C18)	<0.060	-	mg/kg	KM 02	
benzalkonium chloride with alkyl chain lengths of C8	<0.010	-	mg/kg	KM 02	
benzalkonium chloride with alkyl chain lengths of C10	<0.010	-	mg/kg	KM 02	
benzalkonium chloride with alkyl chain lengths of C12	<0.010	-	mg/kg	KM 02	

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
benzalkonium chloride with alkyl chain lengths of C14	<0.010	-	mg/kg	KM 02	
benzalkonium chloride with alkyl chain lengths of C16	<0.010	-	mg/kg	KM 02	
benzalkonium chloride with alkyl chain lengths of C18	<0.010	-	mg/kg	KM 02	
benzovindiflupyr	<0.020	-	mg/kg	KM 02	
bifenthrin (sum of isomers)	<0.010	-	mg/kg	KM 02	
bitertanol (sum of isomers)	<0.020	-	mg/kg	KM 02	
bixafen	<0.010	-	mg/kg	KM 02	
boscalid	<0.010	-	mg/kg	KM 02	
bromacil	<0.010	-	mg/kg	KM 02	
bromuconazole (sum of diastereoisomers)	<0.020	-	mg/kg	KM 02	
bupirimate	<0.010	-	mg/kg	KM 02	
buprofezin	<0.010	-	mg/kg	KM 02	
cadusafos	<0.010	-	mg/kg	KM 02	
carbaryl	<0.010	-	mg/kg	KM 02	
carbendazim	<0.010	-	mg/kg	KM 02	
carbendazim and benomyl (sum of benomyl and carbendazim expressed as carbendazim)	<0.010	-	mg/kg	KM 02	
carbofuran (sum of carbofuran (including any carbofuran generated from carbosulfan, benfuracarb or furathiocarb) and 3-OH carbofuran expressed as carbofuran)	<0.020	-	mg/kg	KM 02	
carbofuran	<0.010	-	mg/kg	KM 02	
carbofuran 3-hydroxy	<0.010	-	mg/kg	KM 02	
furathiocarb	<0.010	-	mg/kg	KM 02	
carbophenothion	<0.020	-	mg/kg	KM 02	
carboxin sulfone (oxycarboxin)	<0.010	-	mg/kg	KM 02	
carboxin-sulfoxide	<0.010	-	mg/kg	KM 02	
chlorantraniliprole	<0.020	-	mg/kg	KM 02	
chlorbufam	<0.20	-	mg/kg	KM 02	
chlorfenvinphos	<0.010	-	mg/kg	KM 02	
chlorfluazuron	<0.010	-	mg/kg	KM 02	
chloridazon	<0.010	-	mg/kg	KM 02	
chlorotoluron	<0.010	-	mg/kg	KM 02	
chloroxuron	<0.010	-	mg/kg	KM 02	
chlorpropham	<0.10	-	mg/kg	KM 02	
chlorpyrifos	<0.020	-	mg/kg	KM 02	
chlorpyrifos-methyl	<0.050	-	mg/kg	KM 02	
chlorsulfuron	<0.020	-	mg/kg	KM 02	
clofentezine	<0.010	-	mg/kg	KM 02	
clomazone	<0.010	-	mg/kg	KM 02	
clothianidin	<0.020	-	mg/kg	KM 02	
cyanazine	<0.010	-	mg/kg	KM 02	
cyazofamid	<0.010	-	mg/kg	KM 02	
cyflufenamid: sum of cyflufenamid (Z-isomer) and its E-isomer	<0.010	-	mg/kg	KM 02	
cyfluthrin, beta-isomer	<0.20	-	mg/kg	KM 02	
cyhalofop-butyl	<0.020	-	mg/kg	KM 02	
cymoxanil	<0.010	-	mg/kg	KM 02	
cypermethrin (cypermethrin including other mixtures of constituent isomers (sum of isomers))	0.56	0.11	mg/kg	KM 02	
cyphenothrin	<0.050	-	mg/kg	KM 02	
cyproconazole	<0.020	-	mg/kg	KM 02	
cyprodinil	<0.010	-	mg/kg	KM 02	
DEET	<0.020	-	mg/kg	KM 02	
deltamethrin (cis-deltamethrin)	<0.020	-	mg/kg	KM 02	
demeton-S-methyl	<0.010	-	mg/kg	KM 02	
desmedipham	<0.010	-	mg/kg	KM 02	
desmetryn	<0.010	-	mg/kg	KM 02	
diafenthiuron	<0.10	-	mg/kg	KM 02	
diazinon	<0.010	-	mg/kg	KM 02	
dichlofluanid	<0.020	-	mg/kg	KM 02	
dichlofluanid metabolite: DMSA	<0.010	-	mg/kg	KM 02	
dichlormid	<0.010	-	mg/kg	KM 02	

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
dichlorvos	<0.020	-	mg/kg	KM 02	
diclofop-methyl	<0.020	-	mg/kg	KM 02	
dicrotophos	<0.010	-	mg/kg	KM 02	
didecyldimethylammonium chloride with alkyl chain lengths of C10	<0.010	-	mg/kg	KM 02	
diethofencarb	<0.010	-	mg/kg	KM 02	
difenoconazole	<0.010	-	mg/kg	KM 02	
diflubenzuron	<0.020	-	mg/kg	KM 02	
diflufenican	<0.020	-	mg/kg	KM 02	
dimethachlor	<0.010	-	mg/kg	KM 02	
dimethenamid	<0.010	-	mg/kg	KM 02	
dimethoate	<0.010	-	mg/kg	KM 02	
dimethomorph (sum of isomers)	<0.010	-	mg/kg	KM 02	
dimoxystrobin	<0.010	-	mg/kg	KM 02	
diniconazole (sum of isomers)	<0.010	-	mg/kg	KM 02	
dinotefuran	<0.020	-	mg/kg	KM 02	
disulfoton (sum of disulfoton, disulfoton sulfoxide and disulfoton sulfone expressed as disulfoton)	<0.040	-	mg/kg	KM 02	
disulfoton	<0.020	-	mg/kg	KM 02	
disulfoton-sulfone	<0.010	-	mg/kg	KM 02	
disulfoton-sulfoxide	<0.010	-	mg/kg	KM 02	
diuron	<0.020	-	mg/kg	KM 02	
dodine	<0.020	-	mg/kg	KM 02	
EPN	<0.050	-	mg/kg	KM 02	
epoxiconazole	<0.010	-	mg/kg	KM 02	
ethametsulfuron-methyl	<0.010	-	mg/kg	KM 02	
ethiofencarb	<0.010	-	mg/kg	KM 02	
ethion	<0.010	-	mg/kg	KM 02	
ethirimol	<0.010	-	mg/kg	KM 02	
ethofumesate	<0.010	-	mg/kg	KM 02	
ethoprophos	<0.010	-	mg/kg	KM 02	
etofenprox	<0.010	-	mg/kg	KM 02	
etoxazole	<0.010	-	mg/kg	KM 02	
etrimfos	<0.010	-	mg/kg	KM 02	
famoxadone	<0.020	-	mg/kg	KM 02	
fenamidone	<0.010	-	mg/kg	KM 02	
fenamiphos (sum of fenamiphos and its sulphoxide and sulphone expressed as fenamiphos)	<0.030	-	mg/kg	KM 02	
fenamiphos	<0.010	-	mg/kg	KM 02	
fenamiphos-sulfone	<0.010	-	mg/kg	KM 02	
fenamiphos-sulfoxide	<0.010	-	mg/kg	KM 02	
fenarimol	<0.050	-	mg/kg	KM 02	
fenazaquin	<0.010	-	mg/kg	KM 02	
fenbuconazole (sum of constituent enantiomers)	<0.010	-	mg/kg	KM 02	
fenbutatin oxide	<0.020	-	mg/kg	KM 02	
fenhexamid	<0.020	-	mg/kg	KM 02	
fenobucarb	<0.050	-	mg/kg	KM 02	
fenoxaprop - P	<0.050	-	mg/kg	KM 02	
fenoxaprop-P-ethyl	<0.010	-	mg/kg	KM 02	
fenoxycarb	<0.010	-	mg/kg	KM 02	
fenpropathrin	<0.020	-	mg/kg	KM 02	
fenpropidin (sum of fenpropidin and its salts, expressed as fenpropidin)	<0.010	-	mg/kg	KM 02	
fenpropimorph (sum of isomers)	<0.010	-	mg/kg	KM 02	
fenpyrazamine	<0.010	-	mg/kg	KM 02	
fenpyroximate	<0.010	-	mg/kg	KM 02	
fensulfothion	<0.010	-	mg/kg	KM 02	
fensulfothion oxon	<0.010	-	mg/kg	KM 02	
fensulfothion PO-sulfone	<0.010	-	mg/kg	KM 02	
fensulfothion sulfone	<0.010	-	mg/kg	KM 02	
fenthion	<0.020	-	mg/kg	KM 02	

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
fenthion (fenthion and its oxigen analogue, their sulfoxides and sulfone expressed as parent)	<0.070	-	mg/kg	KM 02	
fenthion-oxon	<0.010	-	mg/kg	KM 02	
fenthion-oxon-sulfone	<0.010	-	mg/kg	KM 02	
fenthion-oxon-sulfoxide	<0.010	-	mg/kg	KM 02	
fenthion-sulfone	<0.010	-	mg/kg	KM 02	
fenthion-sulfoxide	<0.010	-	mg/kg	KM 02	
fipronil	<0.020	-	mg/kg	KM 02	
flonicamid	<0.020	-	mg/kg	KM 02	
florasulam	<0.010	-	mg/kg	KM 02	
fluacrypyrim	<0.010	-	mg/kg	KM 02	
fluazifop	<0.020	-	mg/kg	KM 02	
fluazifop-P (sum of all the constituent isomers of fluazifop, its esters and its conjugates, expressed as fluazifop)	<0.020	-	mg/kg	KM 02	
fluazifop-P-butyl	<0.010	-	mg/kg	KM 02	
flucythrinate	<0.010	-	mg/kg	KM 02	
flufenacet	<0.010	-	mg/kg	KM 02	
flufenoxuron	<0.010	-	mg/kg	KM 02	
flumioxazine	<0.020	-	mg/kg	KM 02	
fluopicolide	<0.010	-	mg/kg	KM 02	
fluopyram	<0.010	-	mg/kg	KM 02	
fluoxastrobin (sum of fluoxastrobin and its Z-isomer)	<0.010	-	mg/kg	KM 02	
fluquinconazole	<0.020	-	mg/kg	KM 02	
flurochloridone (sum of cis- and trans- isomers)	<0.010	-	mg/kg	KM 02	
fluroxyppy	<0.050	-	mg/kg	KM 02	
fluroxyppy (sum of fluroxyppy, its salts, its esters, and its conjugates, expressed as fluroxyppy)	<0.050	-	mg/kg	KM 02	
flusilazole	<0.010	-	mg/kg	KM 02	
flutolanil	<0.020	-	mg/kg	KM 02	
flutriafol	<0.020	-	mg/kg	KM 02	
fluvalinate (sum of isomers) resulting from the use of tau-fluvalinate	<0.010	-	mg/kg	KM 02	
fluxapyroxad	<0.010	-	mg/kg	KM 02	
fonofos	<0.050	-	mg/kg	KM 02	
foramsulfuron	<0.020	-	mg/kg	KM 02	
formetanate: sum of formetanate and its salts expressed as formetanate(hydrochloride)	<0.010	-	mg/kg	KM 02	
formothion	<0.020	-	mg/kg	KM 02	
fosthiazate	<0.010	-	mg/kg	KM 02	
haloxyfop	<0.020	-	mg/kg	KM 02	
haloxyfop (sum of haloxyfop, its esters, salts and conjugates expressed as haloxyfop (sum of the R- and S- isomers at any ratio))	<0.020	-	mg/kg	KM 02	
haloxyfop-ethoxyethyl	<0.010	-	mg/kg	KM 02	
haloxyfop-methyl	<0.010	-	mg/kg	KM 02	
heptenophos	<0.010	-	mg/kg	KM 02	
hexaconazole	<0.020	-	mg/kg	KM 02	
hexazinone	<0.010	-	mg/kg	KM 02	
hexythiazox (any ratio of constituent isomers)	<0.010	-	mg/kg	KM 02	
imazalil (any ratio of constituent isomers)	<0.010	-	mg/kg	KM 02	
imazamethabenz-methyl	<0.010	-	mg/kg	KM 02	
imazamox (sum of imazamox and its salts, expressed as imazamox)	<0.020	-	mg/kg	KM 02	
imazapyr	<0.010	-	mg/kg	KM 02	
imazaquin	<0.020	-	mg/kg	KM 02	
imazethapyr	<0.010	-	mg/kg	KM 02	
imazosulfuron	<0.020	-	mg/kg	KM 02	
imidacloprid	<0.010	-	mg/kg	KM 02	
indoxacarb (sum of indoxacarb and its R enantiomer)	<0.020	-	mg/kg	KM 02	
iodosulfuron-methyl (sum of iodosulfuron-methyl and its salts, expressed as iodosulfuron-methyl)	<0.020	-	mg/kg	KM 02	
ipconazole	<0.010	-	mg/kg	KM 02	

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
iprovalicarb	<0.010	-	mg/kg	KM 02	
isocarbophos (ISO: isopropyl O-(methoxyaminothiophosphoryl)salicylate)	<0.50	-	mg/kg	KM 02	
isofenphos	<0.010	-	mg/kg	KM 02	
isofenphos-methyl	<0.010	-	mg/kg	KM 02	
isofetamid	<0.010	-	mg/kg	KM 02	
isoprocarb	<0.020	-	mg/kg	KM 02	
isoprothiolane	<0.010	-	mg/kg	KM 02	
isoproturon	<0.010	-	mg/kg	KM 02	
isopyrazam	<0.010	-	mg/kg	KM 02	
kresoxim-methyl	<0.010	-	mg/kg	KM 02	
lambda-cyhalothrin (includes gamma-cyhalothrin) (sum of R,S and S,R isomers)	0.30	0.08	mg/kg	KM 02	
lenacil	<0.010	-	mg/kg	KM 02	
linuron	<0.010	-	mg/kg	KM 02	
lufenuron (any ratio of constituent isomers)	<0.020	-	mg/kg	KM 02	
malathion (sum of malathion and malaoxon expressed as malathion)	<0.020	-	mg/kg	KM 02	
malaoxon	<0.010	-	mg/kg	KM 02	
malathion	<0.010	-	mg/kg	KM 02	
mandipropamid (any ratio of constituent isomers)	<0.010	-	mg/kg	KM 02	
mecarbam	<0.010	-	mg/kg	KM 02	
mefenpyr-diethyl	<0.010	-	mg/kg	KM 02	
mefentrifluconazole	<0.020	-	mg/kg	KM 02	
mepanipyrim	<0.010	-	mg/kg	KM 02	
mepanipyrim-2-hydroxypropyl	<0.010	-	mg/kg	KM 02	
mepronil	<0.010	-	mg/kg	KM 02	
metaflumizone (sum of E- and Z- isomers)	<0.020	-	mg/kg	KM 02	
metalaxyl including other mixtures of constituent isomers including metalaxyl-M (sum of isomers)	<0.010	-	mg/kg	KM 02	
metamitron	<0.010	-	mg/kg	KM 02	
metamitron-desamino	<0.010	-	mg/kg	KM 02	
metazachlor	<0.010	-	mg/kg	KM 02	
metconazole (sum of isomers)	<0.010	-	mg/kg	KM 02	
methacrifos	<0.050	-	mg/kg	KM 02	
methamidophos	<0.010	-	mg/kg	KM 02	
methidathion	<0.010	-	mg/kg	KM 02	
methiocarb (sum of methiocarb and methiocarb sulfoxide and sulfone, expressed as methiocarb)	<0.030	-	mg/kg	KM 02	
methiocarb	<0.010	-	mg/kg	KM 02	
methiocarb-sulfone	<0.010	-	mg/kg	KM 02	
methiocarb-sulfoxide	<0.010	-	mg/kg	KM 02	
methomyl	<0.020	-	mg/kg	KM 02	
methoxyfenozide	<0.010	-	mg/kg	KM 02	
metobromuron	<0.010	-	mg/kg	KM 02	
metolachlor	<0.010	-	mg/kg	KM 02	
metolcarb	<0.020	-	mg/kg	KM 02	
metominostrobin	<0.010	-	mg/kg	KM 02	
metoxuron	<0.010	-	mg/kg	KM 02	
metrafenone	<0.010	-	mg/kg	KM 02	
metribuzin	<0.020	-	mg/kg	KM 02	
metsulfuron-methyl	<0.020	-	mg/kg	KM 02	
molinate	<0.050	-	mg/kg	KM 02	
monocrotophos	<0.010	-	mg/kg	KM 02	
monolinuron	<0.010	-	mg/kg	KM 02	
monuron	<0.020	-	mg/kg	KM 02	
myclobutanil (sum of constituent isomers)	<0.010	-	mg/kg	KM 02	
naled	<0.020	-	mg/kg	KM 02	
napropamide (sum of isomers)	<0.010	-	mg/kg	KM 02	
neburon	<0.010	-	mg/kg	KM 02	
nicosulfuron	<0.020	-	mg/kg	KM 02	
nitenpyram	<0.010	-	mg/kg	KM 02	

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
norflurazon	<0.010	-	mg/kg	KM 02	
novaluron (sum of constituent isomers)	<0.010	-	mg/kg	KM 02	
omethoate	<0.010	-	mg/kg	KM 02	
orthosulfamuron	<0.010	-	mg/kg	KM 02	
oxadiargyl	<0.010	-	mg/kg	KM 02	
oxadixyl	<0.010	-	mg/kg	KM 02	
oxamyl	<0.010	-	mg/kg	KM 02	
oxamyl-oxime	<0.010	-	mg/kg	KM 02	
oxasulfuron	<0.002	-	mg/kg	KM 02	
oxathiapiprolin	<0.010	-	mg/kg	KM 02	
oxydemeton-methyl (sum of oxydemeton-methyl and demeton-S-methylsulfone expressed as oxydemeton-methyl)	<0.020	-	mg/kg	KM 02	
oxydemeton-methyl	<0.010	-	mg/kg	KM 02	
oxydemeton-methyl metabolite: demethon-S-methylsulfone	<0.010	-	mg/kg	KM 02	
oxyfluorfen	<0.050	-	mg/kg	KM 02	
paclobutrazol (sum of constituent isomers)	<0.010	-	mg/kg	KM 02	
penconazole (sum of constituent isomers)	<0.010	-	mg/kg	KM 02	
pencycuron	<0.010	-	mg/kg	KM 02	
pendimethalin	<0.020	-	mg/kg	KM 02	
penflufen (sum of isomers)	<0.010	-	mg/kg	KM 02	
penoxsulam	<0.010	-	mg/kg	KM 02	
penthiopyrad	<0.010	-	mg/kg	KM 02	
permethrin (sum of isomers)	<0.010	-	mg/kg	KM 02	
pethoxamid	<0.010	-	mg/kg	KM 02	
phenmedipham	<0.010	-	mg/kg	KM 02	
phenothrin (phenothrin including other mixtures of constituent isomers (sum of isomers))	<0.010	-	mg/kg	KM 02	
phenthoate	<0.010	-	mg/kg	KM 02	
phorate (sum of phorate, its oxygen analogue and their sulfones expressed as phorate)	<0.070	-	mg/kg	KM 02	
phorate	<0.020	-	mg/kg	KM 02	
phorate-oxon	<0.010	-	mg/kg	KM 02	
phorate-oxonsulfone	<0.010	-	mg/kg	KM 02	
phorate-oxonsulfoxide	<0.010	-	mg/kg	KM 02	
phorate-sulfone	<0.010	-	mg/kg	KM 02	
phorate-sulfoxide	<0.010	-	mg/kg	KM 02	
phosalone	<0.010	-	mg/kg	KM 02	
phosmet (phosmet and phosmet oxon expressed as phosmet)	<0.020	-	mg/kg	KM 02	
phosmet	<0.010	-	mg/kg	KM 02	
phosmet oxon	<0.010	-	mg/kg	KM 02	
phosphamidon	<0.010	-	mg/kg	KM 02	
phoxim	<0.010	-	mg/kg	KM 02	
picloram	<0.050	-	mg/kg	KM 02	
picolinafen	<0.010	-	mg/kg	KM 02	
picoxystrobin	<0.010	-	mg/kg	KM 02	
pinoxaden	<0.010	-	mg/kg	KM 02	
piperonyl butoxide	<0.010	-	mg/kg	KM 02	
pirimicarb	<0.010	-	mg/kg	KM 02	
pirimicarb desmethyl	<0.010	-	mg/kg	KM 02	
pirimiphos-ethyl	<0.010	-	mg/kg	KM 02	
pirimiphos-methyl	<0.010	-	mg/kg	KM 02	
prochloraz (sum of prochloraz, BTS 44595 (M201-04) and BTS 44596 (M201-03), expressed as prochloraz)	<0.040	-	mg/kg	KM 02	
prochloraz	<0.010	-	mg/kg	KM 02	
prochloraz metabolite: (BTS 44595)	<0.010	-	mg/kg	KM 02	
prochloraz metabolite: (BTS 44596)	<0.020	-	mg/kg	KM 02	
profenofos	<0.010	-	mg/kg	KM 02	
prometon	<0.010	-	mg/kg	KM 02	
prometryn	<0.010	-	mg/kg	KM 02	
propachlor	<0.010	-	mg/kg	KM 02	

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
propamocarb (sum of propamocarb and its salts, expressed as propamocarb)	<0.010	-	mg/kg	KM 02	
propaquizafop	<0.010	-	mg/kg	KM 02	
propargite	<0.010	-	mg/kg	KM 02	
propazine	<0.010	-	mg/kg	KM 02	
propiconazole (sum of isomers)	<0.020	-	mg/kg	KM 02	
propoxur	<0.010	-	mg/kg	KM 02	
propyzamide	<0.010	-	mg/kg	KM 02	
proquinazid	<0.010	-	mg/kg	KM 02	
prosulfocarb	<0.010	-	mg/kg	KM 02	
prothioconazole: prothioconazole-desthio	<0.020	-	mg/kg	KM 02	
prothiofos	<0.10	-	mg/kg	KM 02	
pyraclostrobin	<0.010	-	mg/kg	KM 02	
pyrazophos	<0.010	-	mg/kg	KM 02	
pyrethrins	<0.020	-	mg/kg	KM 02	
pyridaben	<0.010	-	mg/kg	KM 02	
pyridalyl	<0.010	-	mg/kg	KM 02	
pyridate	<0.010	-	mg/kg	KM 02	
pyrifenox	<0.010	-	mg/kg	KM 02	
pyriofenone	<0.010	-	mg/kg	KM 02	
pyrimethanil	<0.010	-	mg/kg	KM 02	
pyriproxyfen	<0.010	-	mg/kg	KM 02	
quinalphos	<0.010	-	mg/kg	KM 02	
quinclorac	<0.020	-	mg/kg	KM 02	
quinmerac	<0.010	-	mg/kg	KM 02	
quinoclamine	<0.010	-	mg/kg	KM 02	
quinoxifen	<0.010	-	mg/kg	KM 02	
quizalofop (sum of quizalofop, its salts, its esters (including propaquizafop) and its conjugates, expressed as quizalofop (any ratio of constituent isomers))	<0.020	-	mg/kg	KM 02	
quizalofop-P	<0.020	-	mg/kg	KM 02	
quizalofop-P-ethyl	<0.010	-	mg/kg	KM 02	
resmethrin (resmethrin including other mixtures of constituent isomers (sum of isomers))	<0.020	-	mg/kg	KM 02	
rimsulfuron	<0.020	-	mg/kg	KM 02	
rotenone	<0.010	-	mg/kg	KM 02	
sedaxane (sum of isomers)	<0.010	-	mg/kg	KM 02	
simazine	<0.010	-	mg/kg	KM 02	
simetryn	<0.010	-	mg/kg	KM 02	
spinosad (spinosad, sum of spinosyn A and spinosyn D)	<0.040	-	mg/kg	KM 02	
spinosyn A	<0.020	-	mg/kg	KM 02	
spinosyn D	<0.020	-	mg/kg	KM 02	
spirodiclofen	<0.020	-	mg/kg	KM 02	
spiromesifen	<0.020	-	mg/kg	KM 02	
spirotramat and spirotramat-enol (sum of), expressed as spirotramat	<0.020	-	mg/kg	KM 02	
spirotramat	<0.010	-	mg/kg	KM 02	
spirotramat metabolite: BYI08330-enol	<0.010	-	mg/kg	KM 02	
spirotramat metabolite:BYI08330 enol-glucoside	<0.010	-	mg/kg	KM 02	
spirotramat metabolite:BYI08330-ketohydroxy	<0.050	-	mg/kg	KM 02	
spirotramat metabolite:BYI08330-monohydroxy	<0.010	-	mg/kg	KM 02	
spiroxamine (sum of isomers)	<0.010	-	mg/kg	KM 02	
sulfosulfuron	<0.010	-	mg/kg	KM 02	
sulfotep	<0.010	-	mg/kg	KM 02	
sulfoxaflor (sum of isomers)	<0.020	-	mg/kg	KM 02	
tebuconazole	<0.020	-	mg/kg	KM 02	
tebufenozide	<0.010	-	mg/kg	KM 02	
tebufenpyrad	<0.010	-	mg/kg	KM 02	
teflubenzuron	<0.050	-	mg/kg	KM 02	
temephos	<0.010	-	mg/kg	KM 02	
tepraloxym	<0.020	-	mg/kg	KM 02	
terbufos	<0.010	-	mg/kg	KM 02	

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
terbufos-sulfone	<0.010	-	mg/kg	KM 02	
terbufos-sulfoxide	<0.010	-	mg/kg	KM 02	
terbuthylazine	<0.010	-	mg/kg	KM 02	
terbutryn	<0.010	-	mg/kg	KM 02	
tetraconazole (sum of constituent isomers)	<0.020	-	mg/kg	KM 02	
tetramethrin	<0.020	-	mg/kg	KM 02	
thiabendazole	<0.010	-	mg/kg	KM 02	
thiacloprid	<0.010	-	mg/kg	KM 02	
thiamethoxam	<0.020	-	mg/kg	KM 02	
thifensulfuron-methyl	<0.020	-	mg/kg	KM 02	
thiodicarb	<0.020	-	mg/kg	KM 02	
thiometon	<0.20	-	mg/kg	KM 02	
thiophanate-methyl	<0.010	-	mg/kg	KM 02	
tolclofos-methyl	<0.10	-	mg/kg	KM 02	
tolfenpyrad	<0.010	-	mg/kg	KM 02	
tolylfluanid (sum of tolylfluanid and dimethylaminosulfotoluidide expressed as tolylfluanid)	<0.050	-	mg/kg	KM 02	
tolylfluanid	<0.020	-	mg/kg	KM 02	
tolylfluanid metabolite: dimethylaminosulfotoluidide (DMST)	<0.020	-	mg/kg	KM 02	
triadimefon	<0.10	-	mg/kg	KM 02	
triadimenol (any ratio of constituent isomers)	<0.10	-	mg/kg	KM 02	
triasulfuron	<0.010	-	mg/kg	KM 02	
triazophos	<0.010	-	mg/kg	KM 02	
trichlorfon	<0.010	-	mg/kg	KM 02	
tricyclazole	<0.010	-	mg/kg	KM 02	
trifloxystrobin	<0.010	-	mg/kg	KM 02	
triflumuron	<0.020	-	mg/kg	KM 02	
triforine	<0.020	-	mg/kg	KM 02	
trinexapac ethyl	<0.020	-	mg/kg	KM 02	
triticonazole	<0.020	-	mg/kg	KM 02	
tritosulfuron	<0.020	-	mg/kg	KM 02	
valifenalate	<0.010	-	mg/kg	KM 02	
vamidothion	<0.010	-	mg/kg	KM 02	
vamidothion sulfone	<0.020	-	mg/kg	KM 02	
vamidothion sulfoxide	<0.010	-	mg/kg	KM 02	
zoxamide	<0.010	-	mg/kg	KM 02	

* the sign "<" indicates that concentration is lower than this value, i.e. below the limit of quantitation (LOQ)

Expanded uncertainty was calculated using coverage factor $k = 2$ corresponding to a coverage probability of approximately 95%. Uncertainty was calculated and stated according to the ILAC G17:01(2021) and Kvalimetrie 11 (EURACHEM/CITAC 4). Uncertainty of sampling is not covered.

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Appendix:

Date of issue: 2.4.2024

Digitálně podepsal prof. Ing. Vladimír Kocourek, CSc.
Datum: 2024.04.02 16:26:32 +02'00'

Prof. Dr. Jana Hajšlová, head of the laboratory

The end of Certificate

FITNESS